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15 April 1957

MEMORANDUM FOR: Chief, Technical Services Staff

SUBJECT : Request for Initiation of Task II under Contract
RD-112 [REDACTED]
[REDACTED]

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1. Description of the Project

Design, development, fabrication, and qualification testing of an explosives initiating device to permit the pilot of [REDACTED] Aircraft to destroy during an emergency selected classified items on board the aircraft.

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2. Purpose of the Project

The purpose of the project is to design an explosives initiating device to be located in the cockpit of [REDACTED] Aircraft which would permit the pilot to simultaneously initiate explosive charges at various points in the aircraft. The device once triggered will initiate two parallel explosive trains after a time delay of 30 seconds. The device will be designed to prevent accidental initiation, and it will be accessible for periodic surveillance and replacement of explosive and pyrotechnic components. The system must be independent of the aircrafts power supply and therefore will be a mechanical type system. Forty complete units will be built of which twenty-five will be expended in qualification tests to prove reliability. Fifteen units will be delivered to the Agency.

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3. Recommended Contractor.

The recommended contractor for this program is [REDACTED] located in [REDACTED] TSS/Engineering Division feels that this contractor is well qualified to undertake this proposed work and has the appropriate facilities and personnel capable of working with pyrotechnics and high explosives. This company has already gained experience by designing a device of a similar nature for the U. S. Air Force.

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4. Total Cost

The total estimated cost including G&A and fee is \$18,690.50 for a period of six months of effort.

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ORIG COMP	056	06	02
ORIG CLASS	5	2	C
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5. Support Requirements

This program has been fully coordinated with Air Maritime Division and constant liaison is maintained between TSS/Engineering Division and AMD/PP.

6. Project Engineer

The project engineer for this program is [redacted] Room 25X1
210A, West Outbuilding, extension [redacted] 25X1

7. Security Information

Contract RD-112 is an Agency sterile contract. Task II is also Agency sterile; however Government interest may be shown. The device is unclassified by itself, but Agency interest is classified Secret and may be divulged only on a need-to-know basis to appropriate security approved personnel.

[redacted] 25X1
Chief
TSS/Engineering Division

Distribution:

- Orig - ED-174 when ret'd from C/TSS
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